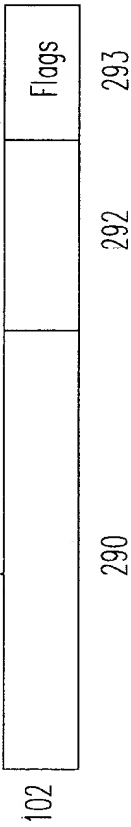
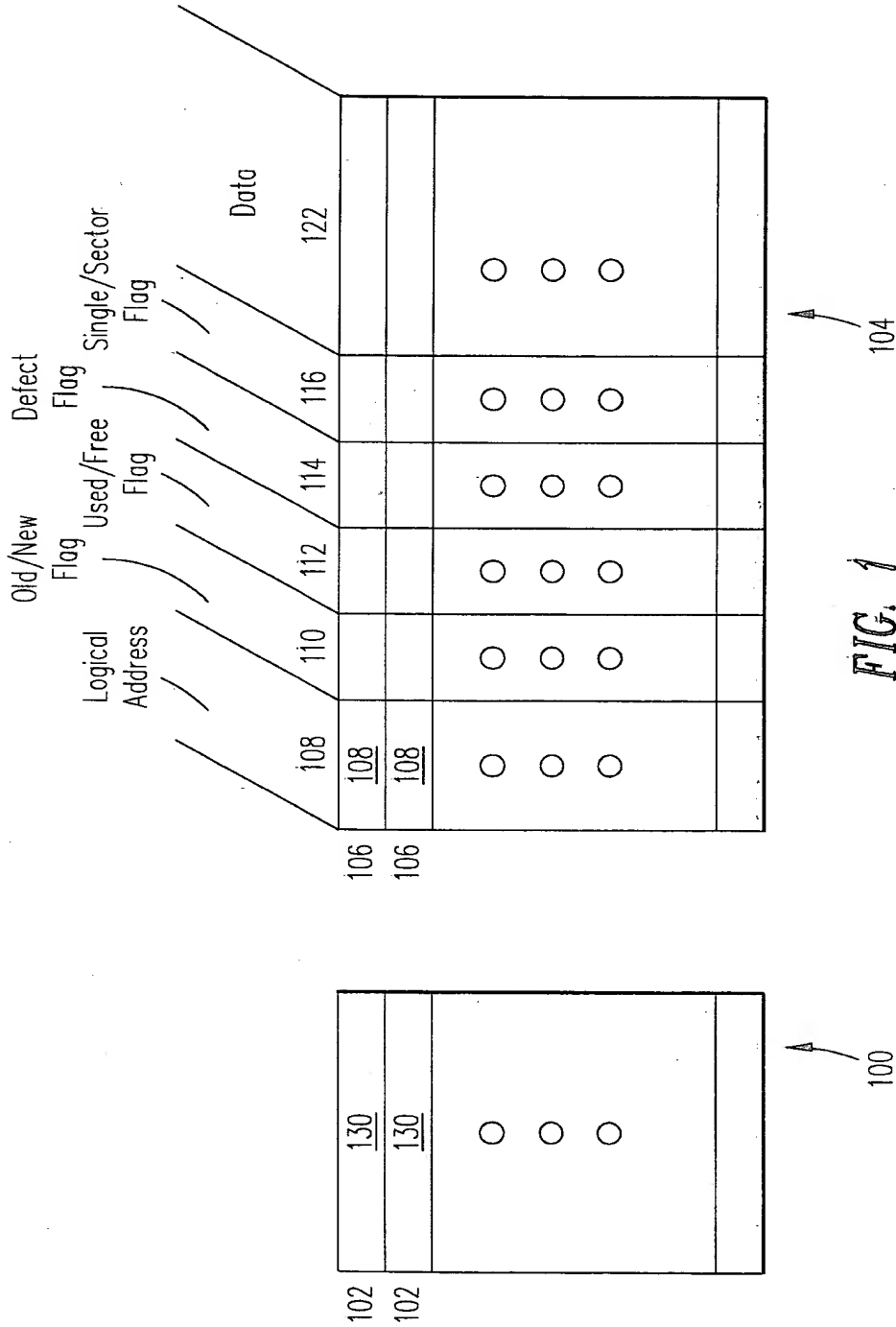


001220-44502960

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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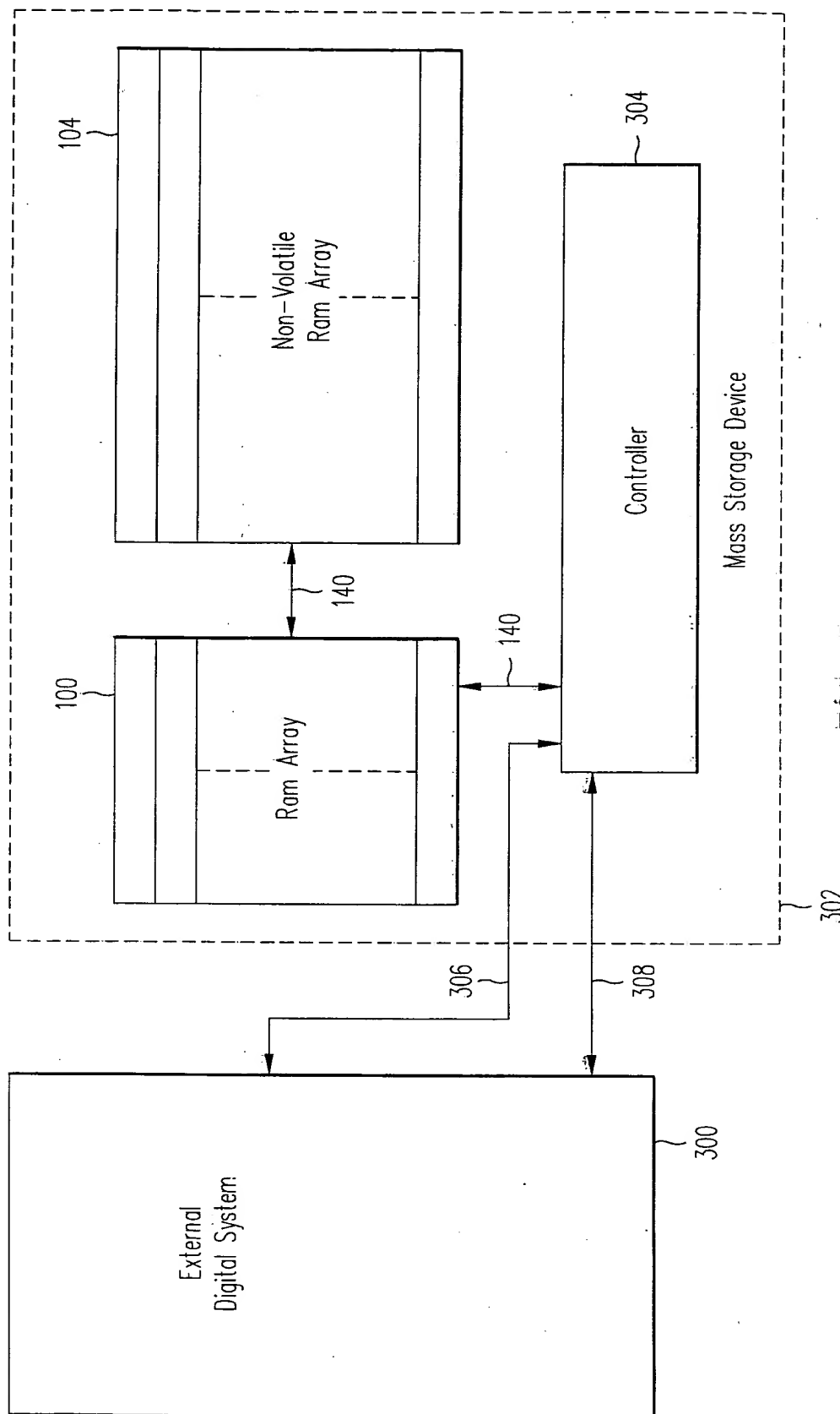


FIG. 3

001220" 44502950

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Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		0	0	0
1		0	0	0
2		0	0	0
3		0	0	0
4		0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 4

Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		0	1	0
1		0	0	0
2		0	0	0
3	0	0	0	0
4		0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 5

Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		0	1	0
1		0	1	0
2		0	0	0
3	0	0	0	0
4	1	0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 6

00620544-072100

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		1	1	0
1		0	1	0
2		0	1	0
3	2	0	0	0
4	1	0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 7

Actual LBA/ Actual PBA	Virtual PBA	old	used	def
0		1	1	0
1		1	1	0
2		0	1	0
3	2	0	1	0
4	3	0	0	0
5		0	0	0
6		1	1	0
7		0	0	0
8		0	0	0
9		0	0	1
10		0	0	0

FIG. 8

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00120-14502960

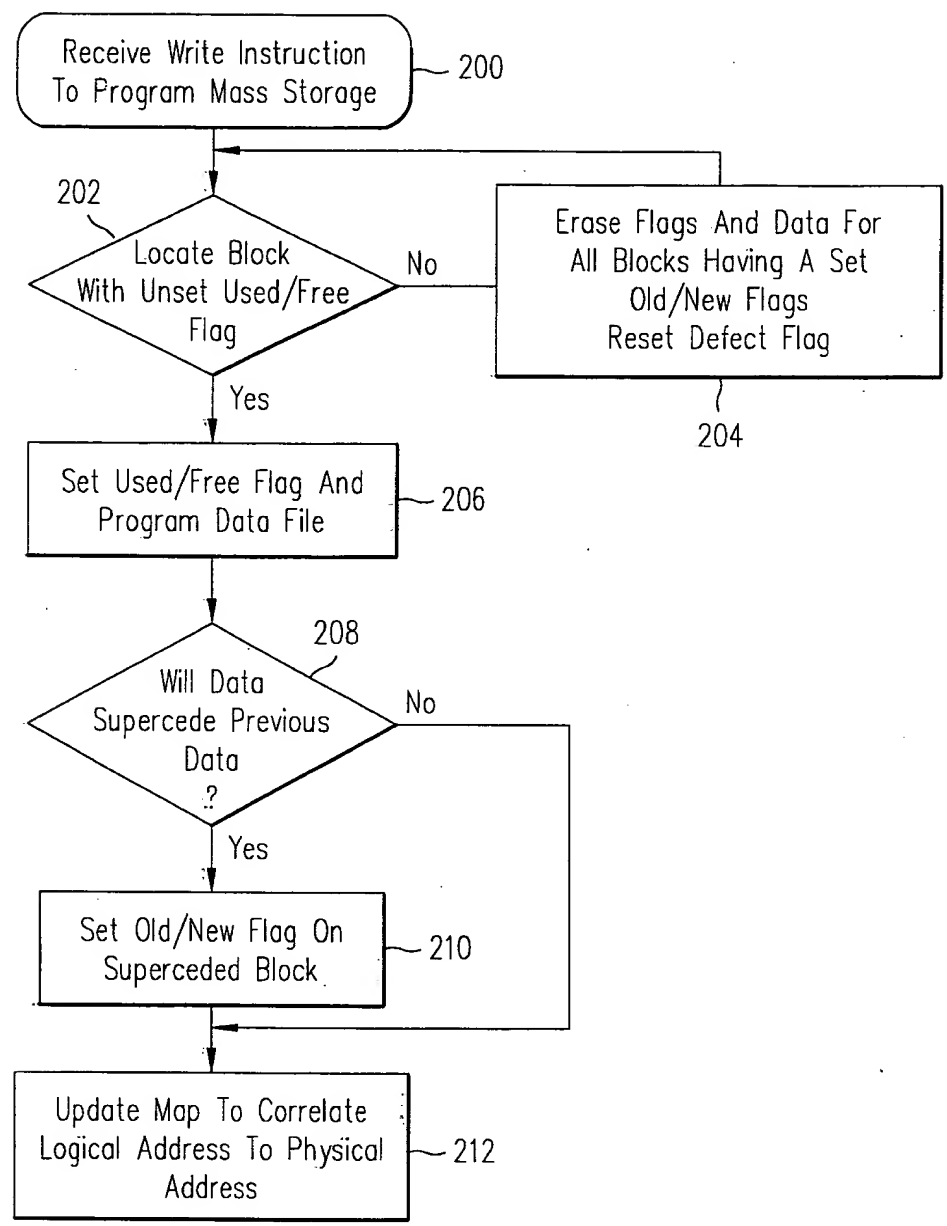


FIG. 9

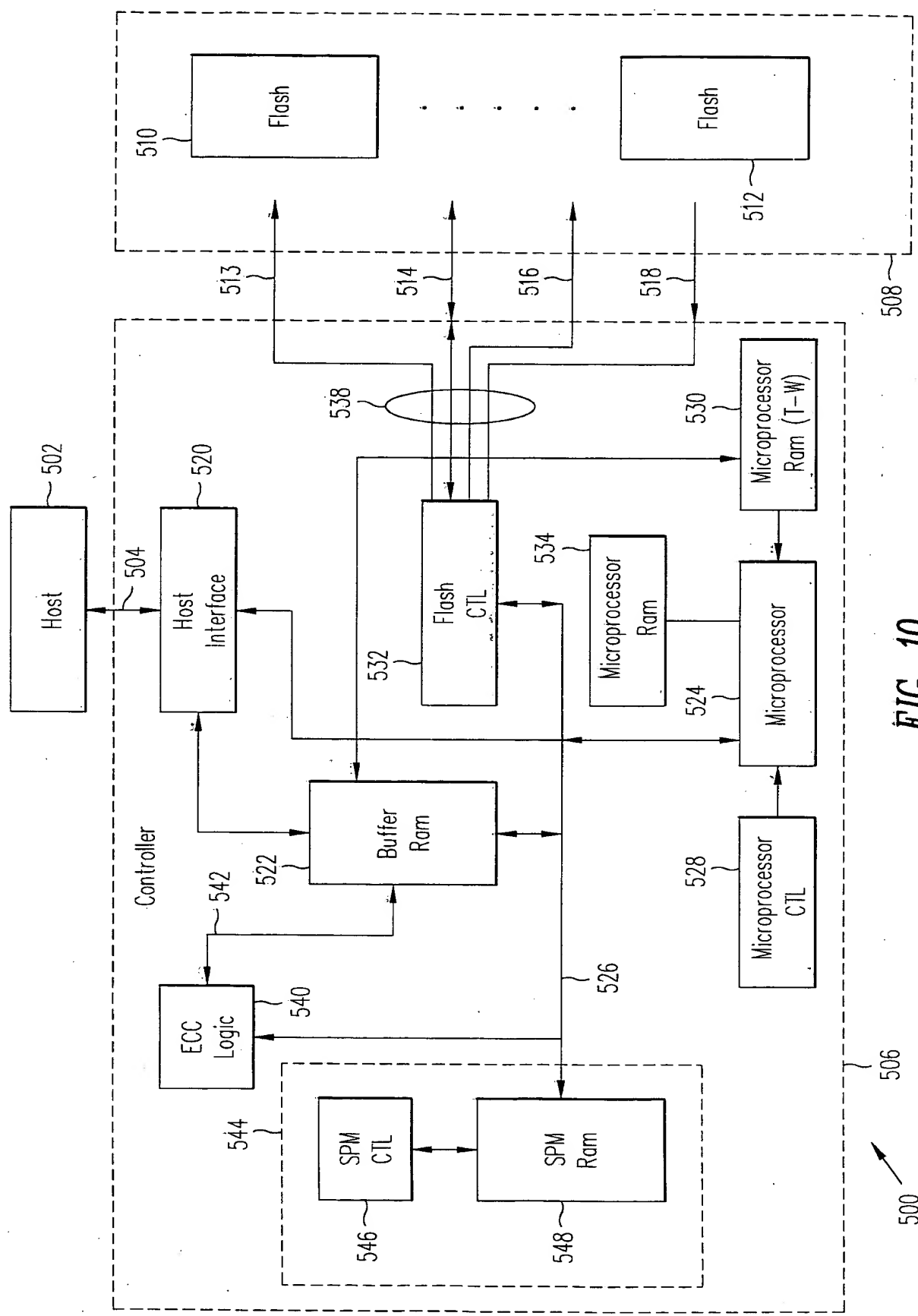


FIG. 10

001220" 44502968

PBA/ LBA	702		730	704	732	706	734	708	Used Flag	736	710	Old Flag	738	712	740	714																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	VPBA Blk Addr	MVPBA Blk Addr														L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L

FIG. 11

700

001220 44502960

700

001220" 44502360

PBA/ LBA	Host Write To LBA 0 Again																Defect Flag	714															
	VPBA Blk Addr	MVPBA Blk Addr	Move Flag	Used Flag	Old Flag	L	1	2	3	4	5	6	7	8	9	10		11	12	13	14	15											
716 ~ 00	00	20	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
718 ~ 10	XX	XX	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
720 ~ 20	XX	XX	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
722 ~ 30																																	
724 ~ 40																																	
726 ~ 50																																	
:	:	:	:	:	:	:																											
:	:	:	:	:	:	:																											
:	:	:	:	:	:	:																											
728 ~																																	
N-1																																	

FIG. 13

700

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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001220" 44502960

PBA/ LBA	Host Write To LBA 0 Again										714														
	VPBA Blk Addr	MVPBA Blk Addr	Move Flag	Used Flag	Old Flag	Detect Flag	L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
716 ~ 00	00	00	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
718 ~ 10	XX	XX	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
720 ~ 20	XX	XX	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
722 ~ 30	XX	XX	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
724 ~ 40																									
726 ~ 50																									
.			
.			
.			
728 ~																									
N-1																									

FIG. 14

700

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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PBA/ LBA	VPBA Blk Addr	MVPBA Blk Addr	Move Flag	Used Flag	Old Flag	Defect Flag	714														
							L	L	L	L	L	L	L	L	L	L	L	L	L	L	L
716 ~ 00	00	20	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
718 ~ 10	XX	XX	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
720 ~ 20	XX	XX	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
722 ~ 30																					
724 ~ 40																					
726 ~ 50																					
.															
.															
.															
728 ~																					
N-1																					

Host Write To LBA 5

FIG. 15

700

001220"44502960

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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001220"44502960

Host Write To LBA 0														
PBA/ LBA	VPBA Blk Addr	MVPBA Blk Addr	Move Flag	Used Flag	Old Flag	Defect Flag	L	L	L	L	L	L	L	L
716 ~ 00	00	XX	0	1	0	0	0	0	0	0	0	0	0	0
718 ~ 10	XX	XX	0	0	0	0	0	0	0	0	0	0	0	0
720 ~ 20														
722 ~ 30														
724 ~ 40														
726 ~ 50														
.								
.								
.								
728 ~														
N-1														

FIG. 16

700

001220" 44502960

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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Host Write To LBA 5										714														
PBA/ LBA	VPBA Blk Addr	MVPBA Blk Addr	Move Flag	Used Flag	Old Flag	Defect Flag	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L		
716 ~ 00	00	10	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0		
718 ~ 10	XX	XX	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
720 ~ 20							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
722 ~ 30							0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
724 ~ 40																								
726 ~ 50																								
728 ~	:	:	:	:	:	:																		
N-1																								

FIG. 18

700

700

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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03T220" 44502960

Host Writes To LBA 7																										
PBA/ LBA	702		730	732	734	746	742	744	714															728	N-1	
	VPBA Blk Addr	MVPBA Blk Addr	Move Flag	Used Flag	Old Flag	Defect Flag	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L			L
716 ~ 00	00	10	1	1	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
718 ~ 10	XX	XX	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
720 ~ 20											0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
722 ~ 30																										
724 ~ 40																										
726 ~ 50																										
.	
.	
.	
728 ~																										
N-1																										

FIG. 21

700

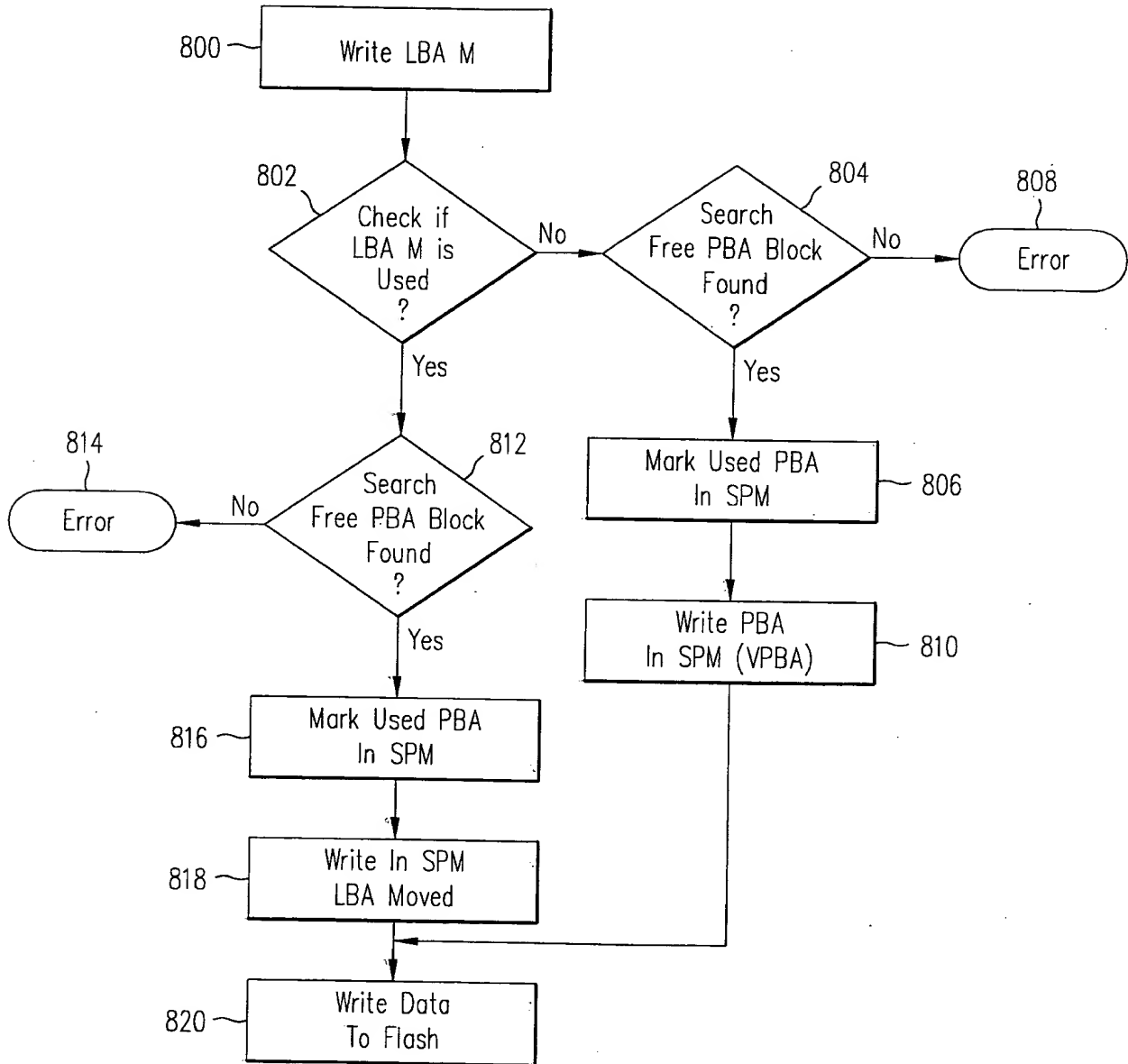


FIG. 23

001220"44502960